

We claim:

1. A game apparatus comprising:
 - an electronic game device including a computer, a display operatively connected to said computer, a game card interface operatively connected to said
 - 5 computer, and at least one game programmed in said computer wherein said game has a plurality of selectable, predetermined outcomes; and
 - a game card including game information specifying one of said predetermined game outcomes adapted for connection with said interface wherein connection of said game card to said interface permits a player to
 - 10 initiate play of said game with the predetermined outcome of said specified one of said predetermined outcomes being displayed on said display.
2. The apparatus of Claim 1 wherein said predetermined outcomes are prize amounts.
3. The apparatus of Claim 2 wherein said game is an instant lottery game.
- 15 4. The apparatus of Claim 1 wherein said game information on said game card is contained in printed conductive elements.
5. The apparatus of Claim 4 wherein said computer is effective to determine said specified predetermined game outcome from the electronic signatures of at least a portion of said conductive elements.
- 20 6. The apparatus of Claim 1 wherein said computer is programmed with a plurality of said games and said information includes the identification of a specified one of said games.
7. The apparatus of Claim 6 wherein said information is printed on said card in conductive ink.
- 25 8. The apparatus of Claim 7 wherein said specified one of said predetermined outcomes is represented by one or more impedances printed in said conductive ink and said computer is effective to determine the electronic signature of said impedances when said game card is connected to said interface.
- 30 9. The apparatus of Claim 8 wherein said electronic signatures are a measure of the resistance of said impedances.

10. The apparatus of Claim wherein 7 wherein said card additionally includes a barcode including data functionally related to said information.

11. A lottery game apparatus comprising:

5 a plurality of electronic game devices each including a computer, a display operatively connected to said computer, a game card interface operatively connected to said computer, and wherein each of said devices includes a game programmed in said computer wherein said game has a plurality of selectable, predetermined outcomes;

10 a set of game cards wherein each of said cards in said set includes data representing a selected one of said game outcomes and wherein different ones of said cards in said set have different ones of said data representing different ones of said outcomes; and

15 wherein said cards are adapted for connection with said interface thereby permitting a player to initiate play of said game on said device resulting in said computer generating the selected one of said predetermined outcomes represented by said data on said card connected to said interface and wherein said one of said outcomes is displayed on said display.

12. The apparatus of Claim 11 wherein said data is printed in the form of circuit elements on said cards in conductive ink.

20 13. The apparatus of Claim 12 wherein said computer applies power to said circuit elements through said interface and determines said data from the electrical signatures of said circuit elements.

14. The apparatus of Claim 11 wherein said cards additionally include a barcode containing information functionally related to said data.

25 15. The apparatus of Claim 11 wherein said interface is configured to permit a player to insert said cards into said device and to make an electrical connection between said data and said computer.

30 16. The apparatus of Claim 11 wherein said device includes a switch operatively connected to said computer and aligned with a predetermined position on said cards wherein said switch is effective to permit a player to play said game.

17. The apparatus of Claim 12 wherein said cards include a scratch-off coating applied over at least a portion of said conductive elements wherein removal of said scratch-off coating by a player alters said conductive elements.

18. The apparatus of Claim 11 wherein said computer additionally includes a plurality of said games and wherein said data in said cards additionally identifies one of said plurality of games.

19. A lottery game apparatus comprising:

an electronic game device having a housing and included in said housing: a computer, a display operatively connected to said computer, a game card interface operatively connected to said computer, a power source, a switch operatively connected between said computer and said power source and at least one game programmed in said computer wherein said game has a plurality of selectable, predetermined winning amounts; and

a game card having a substrate including data specifying one of said winning amounts, according to a predetermined prize structure, printed in the form of conductive elements on said substrate and wherein said card is adapted for connection with said interface such that connection of said game card to said interface and operation of said switch permits a player to operate said device to play said game with said specified winning amount being displayed on said display.

20. The apparatus of Claim 19 wherein said housing is configured with an aperture and said card additionally includes a barcode containing information functionally related to said data and wherein said barcode is in registry with said aperture when said card is connected to said interface.